

AO6404 Information


For Reference Only

Part Number [AO6404](#)
Manufacturer Alpha & Omega Semiconductor Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 20V 8.6A 6-TSOP
Package SC-74, SOT-457
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


AO6404 Specifications

Manufacturer Part Number	AO6404
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	SC-74, SOT-457
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	20V
Current - Continuous Drain (Id) @ 25°C	8.6A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	1.8V, 10V
Vgs(th) (Max) @ Id	1V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	17.9nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	1810pF @ 10V
Vgs (Max)	±12V
FET Feature	-
Power Dissipation (Max)	2W (Ta)
Rds On (Max) @ Id, Vgs	17 mOhm @ 8.5A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	6-TSOP
Package / Case	SC-74, SOT-457

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AO6404 Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

AO6404 Payment Methods



AO6404 Shipping Methods



If you have any question about AO6404, please do not hesitate to contact us!

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